



23026 U.S. PTO

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PTO/SB/05 (06-03)

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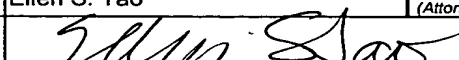
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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. K1505.0002/P001																																	
		First Inventor Carl L.C. Kah, III																																	
		Title	SPEED LIMITING DEVICE FOR TURBINE FOR GEAR DRIVEN SPRINKLERS																																
		Express Mail Label No.																																	
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																																	
<div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small></div> <div>2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small></div> <div>3. <input checked="" type="checkbox"/> Specification [Total Pages 18] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</div> <div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 6]</div> <div>5. Oath or Declaration [Total Sheets]<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> Newly executed (original or copy)</div><div>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small></div><div>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></div></div></div> <div>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div>		<div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div> <div>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> Computer Readable Form (CRF)</div><div>b. Specification Sequence Listing on:<div style="margin-left: 20px;"><div>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</div><div>ii. <input type="checkbox"/> Paper</div></div></div><div>c. <input type="checkbox"/> Statements verifying identity of above copies</div></div></div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">ACCOMPANYING APPLICATIONS PARTS</div> <div>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</div> <div>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></div> <div>11. <input type="checkbox"/> English Translation Document (if applicable)</div> <div>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>13. <input type="checkbox"/></div> <div>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></div> <div>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or its equivalent.</small></div> <div>17. <input type="checkbox"/> Other: </div>																																	
<div>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:<div style="display: flex; justify-content: space-around; margin-top: 5px;"><div><input type="checkbox"/> Continuation</div><div><input type="checkbox"/> Divisional</div><div><input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: Provisional Application No. 60/445,271 filed 2/6/2003</div></div><div style="display: flex; justify-content: space-between; margin-top: 5px;"><div>Prior application information: Examiner Not Assigned</div><div>Art Unit: To be assigned</div></div><div style="font-size: small; margin-top: 5px;">For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</div></div>																																			
19. CORRESPONDENCE ADDRESS																																			
<div><input checked="" type="checkbox"/> Customer Number: 24998 OR <input checked="" type="checkbox"/> Correspondence address below</div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"><tr><td colspan="4">Name DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Stephen A. Soffen</td></tr><tr><td colspan="4">Address 2101 L Street NW</td></tr><tr><td>City</td><td>Washington</td><td>State</td><td>DC</td></tr><tr><td>Country</td><td>US</td><td>Telephone</td><td>(202) 785-9700</td></tr><tr><td></td><td></td><td>Zip Code</td><td>20037-1526</td></tr><tr><td></td><td></td><td>Fax</td><td>(202) 887-0689</td></tr></table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"><tr><td>Name (Print/Type)</td><td>Ellen S. Tao</td><td>Registration No. (Attorney/Agent)</td><td>43,383</td></tr><tr><td>Signature</td><td></td><td>Date</td><td>February 6, 2004</td></tr></table>				Name DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Stephen A. Soffen				Address 2101 L Street NW				City	Washington	State	DC	Country	US	Telephone	(202) 785-9700			Zip Code	20037-1526			Fax	(202) 887-0689	Name (Print/Type)	Ellen S. Tao	Registration No. (Attorney/Agent)	43,383	Signature		Date	February 6, 2004
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FEE TRANSMITTAL for FY 2003		Complete if Known	
Patent fees are subject to annual revision.		Application Number	To be assigned
		Filing Date	February 6, 2004
		First Named Inventor	Carl L.C. Kah, III
		Examiner Name	Not Yet Assigned
		Group Art Unit	To be assigned
		Attorney Docket No.	K1505.0002/P001
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT (\$)		375.00	

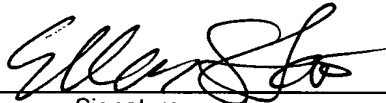
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)																																																																																																																																																																																																				
<div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None</div><div><input checked="" type="checkbox"/> Deposit Account</div></div> <div style="margin-top: 5px;">Deposit Account Number: 04-1073</div> <div style="margin-top: 5px;">Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP</div> <div style="margin-top: 5px;">The Commissioner is hereby authorized to: (check all that apply)</div> <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Charge fee(s) indicated below</div><div><input checked="" type="checkbox"/> Credit any overpayments</div></div> <div style="margin-top: 5px;"><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application</div> <div style="margin-top: 5px;"><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</div>	<h3>3. ADDITIONAL FEES</h3> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="6">*Reduced by Basic Filing Fee Paid</td></tr><tr><td colspan="6" style="text-align: right;">SUBTOTAL (3) (\$)</td></tr></tbody></table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month		1253	930	2253	465	Extension for reply within third month		1254	1,450	2254	725	Extension for reply within fourth month		1255	1,970	2255	985	Extension for reply within fifth month		1401	320	2401	160	Notice of Appeal		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,300	2453	650	Petition to revive - unintentional		1501	1,300	2501	650	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	630	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))		1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))		1801	750	2801	375	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$)					
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1203	280	2203	140	Multiple dependent claim, if not paid																																																																																																																																																																																																	
1204	84	2204	42	** Reissue independent claims over original patent																																																																																																																																																																																																	
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Name (Print/Type)	Ellen S. Tao	Registration No. (Attorney/Agent)	43,383																																																																																																																																																																																																		
Signature		Telephone	(202) 828-4881																																																																																																																																																																																																		
		Date	February 6, 2004																																																																																																																																																																																																		

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U.S. Utility Patent Application – DEVICE FOR LIMITING TURBINE
ROTATION SPEED IN GEAR DRIVEN SPRINKLERS

- a) Utility Application Transmittal Sheet (1 page)
- b) Specification (including claims and abstract) (18 pages)
- c) 8 Drawings (6 sheets)
- d) Fee Transmittal (1 page)
- e) Credit card payment authorization (\$375.00) (Form PTO-2038) (1 page)
- f) Stamped Postcard

PCT Application - DEVICE FOR LIMITING TURBINE ROTATION SPEED
IN GEAR DRIVEN SPRINKLERS

- g) PCT Request (3 pages)
- h) Description (14 pages)
- i) Claims (3 pages)
- j) Abstract (1 page)
- k) Drawings (6 pages, 8 Figs.)
- l) Fee Calculation Sheet (1 page)
- m) AMEX Credit Card Authorization Form (\$1635.00) (1 page)
- n) Stamped Postcard